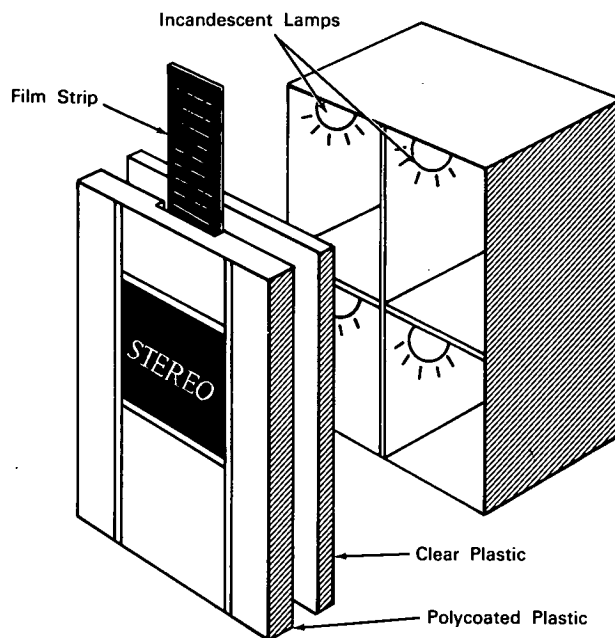


NASA TECH BRIEF



NASA Tech Briefs are issued by the Technology Utilization Division to summarize specific technical innovations derived from the space program. Copies are available to the public from the Clearinghouse for Federal Scientific and Technical Information, Springfield, Virginia, 22151.

Illuminated Display Panel Is Easily Changed



The problem: Preparing illuminated, multicolored display panels that are flexible, inexpensive, easily changed, and readily fabricated at the point of use.

The solution: A photographic negative with information transparent and background opaque black is placed between two sheets of plastic and back-lighted in selected areas.

How it's done: The display panel consists of a plastic film holder and a backlighting structure. An outer polycoated (front surface frosted) plastic sheet and inner clear plastic sheet are held securely in a metal frame but sufficiently separated to permit the

insertion of a filmstrip. The backlighting structure is a matrix of one-inch squares, each containing a small incandescent lamp. Control of the lamps permits selective lighting of these areas to fit the display in use. Color may be incorporated in a display by backing the negative with transparent colored tape in any desired variety.

Notes:

1. A plain or multicolored display can be fashioned by this method in about five minutes using current speed-camera techniques to produce the film negative.

(continued overleaf)

2. Inquiries concerning this innovation may be directed to:

Technology Utilization Officer
Manned Spacecraft Center
P.O. Box 1537
Houston, Texas, 77001
Reference: B65-10003

Patent status: NASA encourages commercial use of this innovation. No patent action is contemplated.

Source: International Business Machines.
under contract to Manned Spacecraft Center
(MSC-108)